

# ART UTILITY

<small>ORIGINAL NUMBER (Before 1978)</small> <b>135685</b>	<small>PATENT DATE</small> <b>AUG 18 1981</b>	<small>NUMBER PATENT</small> <b>4284647</b>
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<small>ORIGINAL NUMBER</small> <b>06/135,685</b>	<small>FILING DATE</small> <b>03/31/80</b>	<small>CLASS</small> <b>424</b>	<small>SUBCLASS</small> <b>317</b>	<small>GROUP ART UNIT</small> <b>125</b>	<small>EXAMINER</small> <b>Cacciapaglia</b>
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SAUL W. BRUSLOW, BALTIMORE, MD; MARK L. BATSHAW, PIKESVILLE, MD;  
 NORMAN S. RADIN, ANN ARBOR, MI.

CONTINUING DATA.....  
 VERIFIED

FOREIGN/PCT APPLICATIONS.....  
 VERIFIED

<small>Foreign priority claimed</small> <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <small>USC 119 conditions met</small> <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<small>AS FILED</small> <b>MD</b>	<small>STATE OR COUNTRY</small> <b>MD</b>	<small>SHEETS DRWGS.</small> <b>6</b>	<small>TOTAL CLAIMS</small> <b>10</b>	<small>INDEP. CLAIMS</small> <b>2</b>	<small>FILING FEE RECEIVED</small> <b>\$ 75</b>	<small>ATTORNEY'S DOCKET NO.</small> <b>JHC-1031</b>
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Verified and Acknowledged  
 EDWIN T. YATES  
 JOHNS HOPKINS UNIVERSITY  
 HARLAND HALL  
 BALTIMORE, MD 21218

PROCESS FOR WASTE NITROGEN REMOVAL

U.S. DEPT. of COMM. Pat. & TM Office - PTO-436L (rev. 10-78)

PARTS OF APPLICATION FILED SEPARATELY					PREPARED FOR ISSUE						
AT ALLOWANCE <table border="1"> <tr> <td><small>SHEETS DRWGS.</small> 6</td> <td><small>FIGURES DRWGS.</small> 8</td> <td><small>CLAIMS</small> 9</td> <td><small>CLASS</small> 424</td> <td><small>SUBCLASS</small> 317</td> </tr> </table>					<small>SHEETS DRWGS.</small> 6	<small>FIGURES DRWGS.</small> 8	<small>CLAIMS</small> 9	<small>CLASS</small> 424	<small>SUBCLASS</small> 317	EXAMINED AND PASSED FOR ISSUE <b>FRANK CACCIAPAGLIA, JR.</b> PRIMARY EXAMINER <small>(Primary Examiner) (Art Unit)</small> <b>ART UNIT 125</b>	
<small>SHEETS DRWGS.</small> 6	<small>FIGURES DRWGS.</small> 8	<small>CLAIMS</small> 9	<small>CLASS</small> 424	<small>SUBCLASS</small> 317							
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APPLICATION SERIAL NUMBER

135685

CLASS

424

SUBCLASS

317

APPLICANT'S NAME (PLEASE PRINT)

BRISLOW et al

CROSS REFERENCE(S)

CLASS SUBCLASS  
ONE SUBCLASS PER BLOCK

IF REISSUE, ORIGINAL PATENT NUMBER

INTERNATIONAL CLASSIFICATION (INT. CL. 3)

A 61K 31119

GROUP  
ART UNIT

125

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)  
FRANK CACCIAPACIA JR

PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)  
ART UNIT 125

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ISSUE CLASSIFICATION SLIP

PTO 270